

Patent
42530-6900

IN THE CLAIMS:

1. (Currently Amended) A banknote moving system, comprising:
 - a banknote storing unit for being removably positioned within a banknote receiving unit, the banknote storing unit having a storing section and receiving a banknote from the banknote receiving unit;
 - a mover unit for moving the received banknote into the storing section of the storing unit, the mover unit moving between a standby position and a moved position;
 - a mover driving unit for operating the mover unit in a reciprocating manner between the standby position and the moved position;
 - a rotating driving unit for selectively operating the mover driving unit by applying a rotating force in one of a clockwise direction and a counter clockwise direction;
 - a standby position detecting unit for producing a standby condition signal when the mover is in a standby condition;
 - a moved position detecting unit for producing a moved position condition signal when the mover unit is in a moved position condition; [[and]]
 - a controlling unit for receiving the standby condition signal and the moved position condition signal and producing a driving direction command signal for selectively operating the rotating driving unit in one of a clockwise direction and a counter clockwise direction;
 - a pivotable lever for operating the mover unit in a reciprocating manner;
 - a pivoting shaft having a first end and a second end, the pivotable lever being mounted on the first end of the pivoting shaft; and

42530.6900/PRIORART/V464960

Patent
42530-6900

a sector gear being mounted on the second end of the pivoting shaft, the sector gear being engaged with the rotating driving unit and driven in one of a clockwise direction and a counter clockwise direction to impart reciprocating motion to the mover unit.

2.-3. (Cancelled)

4. (Currently Amended) A banknote moving system, comprising:

a banknote receiving unit for receiving a banknote;

a banknote storing unit for being removably positioned within the banknote receiving unit, the banknote storing unit having a storing section and receiving the banknote from the banknote receiving unit;

a mover unit for moving the received banknote into the storing section of the storing unit, the mover unit moving between a standby position and a moved position;

a mover driving unit for operating the mover unit in a reciprocating manner between the standby position and the moved position;

a rotating driving unit for selectively operating the mover driving unit by applying a rotating force in one of a clockwise direction and a counter clockwise direction;

a standby position detecting unit for producing a standby condition signal when the mover is in a standby condition;

a moved position detecting unit for producing a moved position condition signal when the mover unit is in a moved position condition; and

a controlling unit for receiving the standby condition signal and the moved position condition signal and producing a driving direction command signal for selectively

Patent
42530-6900

operating the rotating driving unit in one of a clockwise direction and a counter clockwise direction;

wherein the mover unit is disposed within the banknote storing unit, the rotating driving unit is disposed within the banknote receiving unit, and the mover driving unit includes a plurality of mover driving unit gears for conducting rotational force between the rotating driving unit and the mover unit, a predetermined portion of the plurality of mover driving unit gears are disposed within the banknote storing unit.

5. (Original) The banknote moving system of Claim 4, the mover unit further comprising:

a left mover disposed adjacent to a moving passageway; and

a right mover disposed adjacent to the moving passageway and opposite from the left mover,

wherein the left mover and the right mover cooperate to move the received banknote along a pushing passageway into the storing section.

6. (Original) The banknote moving system of Claim 4,
wherein the rotating driving unit is an electric motor.

7.-8. (Cancelled)

9. (Currently Amended) The banknote moving system of Claim ~~[[9]]~~ 4,
wherein the plurality of mover driving unit gears conduct rotational force between the rotating driving unit and the mover unit when the banknote storing unit is positioned within the banknote receiving unit.

Patent
42530-6900

10-13. (Cancelled)

14. (Previously Presented) A banknote moving system, comprising:

a banknote storing unit for being removably positioned within a banknote receiving unit, the banknote storing unit having a storing section and receiving a banknote from the banknote receiving unit;

a mover unit for moving the received banknote into the storing section of the storing unit, the mover unit moving between a standby position and a moved position;

a mover driving unit for operating the mover unit in a reciprocating manner between the standby position and the moved position;

a rotating driving unit for selectively operating the mover driving unit by applying a rotating force in one of a clockwise direction and a counter clockwise direction;

a standby position detecting unit for producing a standby condition signal when the mover is in a standby condition;

a moved position detecting unit for producing a moved position condition signal when the mover unit is in a moved position condition;

a controlling unit for receiving the standby condition signal and the moved position condition signal and producing a driving direction command signal for selectively operating the rotating driving unit in one of a clockwise direction and a counter clockwise direction;

a pivotable lever for operating the mover unit in a reciprocating manner;

a pivoting shaft having a first end and a second end, the pivotable lever being mounted on the first end of the pivoting shaft; and

Patent
42530-6900

a sector gear being mounted on the second end of the pivoting shaft, the sector gear being engaged with the rotating driving unit and driven in one of a clockwise direction and a counter clockwise direction to impart reciprocating motion to the mover unit.

15. (Previously Presented) A banknote moving system, comprising:

a banknote storing unit for being removably positioned within a banknote receiving unit, the banknote storing unit having a storing section and receiving a banknote from the banknote receiving unit;

a mover unit for moving the received banknote into the storing section of the storing unit, the mover unit moving between a standby position and a moved position;

a mover driving unit for operating the mover unit in a reciprocating manner between the standby position and the moved position;

a rotating driving unit for selectively operating the mover driving unit by applying a rotating force in one of a clockwise direction and a counter clockwise direction;

a standby position detecting unit for producing a standby condition signal when the mover is in a standby condition;

a moved position detecting unit for producing a moved position condition signal when the mover unit is in a moved position condition;

a controlling unit for receiving the standby condition signal and the moved position condition signal and producing a driving direction command signal for selectively operating the rotating driving unit in one of a clockwise direction and a counter clockwise direction;

Patent
42530-6900

a pivotable lever having a sector gear portion, the pivotable lever being pivotable at a shaft located at the surface of the banknote storing unit and operatively connected with the mover unit, and

wherein the sector gear engages with the rotating driving unit for reciprocating the mover unit.

16. (Previously Presented) A banknote moving system, comprising:

a banknote receiving unit for receiving a banknote;

a banknote storing unit for being removably positioned within the banknote receiving unit, the banknote storing unit having a storing section and receiving the banknote from the banknote receiving unit;

a mover unit for moving the received banknote into the storing section of the storing unit, the mover unit moving between a standby position and a moved position;

a mover driving unit for operating the mover unit in a reciprocating manner between the standby position and the moved position;

a rotating driving unit for selectively operating the mover driving unit by applying a rotating force in one of a clockwise direction and a counter clockwise direction;

a standby position detecting unit for producing a standby condition signal when the mover is in a standby condition;

a moved position detecting unit for producing a moved position condition signal when the mover unit is in a moved position condition;

a controlling unit for receiving the standby condition signal and the moved position condition signal and producing a driving direction command signal for selectively

Patent
42530-6900

operating the rotating driving unit in one of a clockwise direction and a counter clockwise direction, and

wherein the mover unit is disposed within the banknote storing unit, the rotating driving unit is disposed within the banknote receiving unit, and the mover driving unit includes a plurality of mover driving unit gears for conducting rotational force between the rotating driving unit and the mover unit, a predetermined portion of the plurality of mover driving unit gears are disposed within the banknote storing unit.

17. (Previously Presented) The banknote moving system of Claim 16, the mover unit further comprising:

a left mover disposed adjacent to a moving passageway; and

a right mover disposed adjacent to the moving passageway and opposite from the left mover,

wherein the left mover and the right mover cooperate to move the received banknote along a pushing passageway into the storing section.

18. (Previously Presented) The banknote moving system of Claim 16,
wherein the rotating driving unit is an electric motor.

19. (Previously Presented) The banknote moving system of Claim 16,
wherein the mover driving unit includes a plurality of gears for conducting rotational force between the rotating driving unit and the mover unit.

Patent
42530-6900

20. (Previously Presented) The banknote moving system of Claim 16,

wherein the mover unit is disposed within the banknote storing unit, the rotating driving unit is disposed within the banknote receiving unit, and the mover driving unit includes a plurality of mover driving unit gears for conducting rotational force between the rotating driving unit and the mover unit, a predetermined portion of the plurality of mover driving unit gears are disposed within the banknote storing unit.

21. (Previously Presented) The banknote moving system of Claim 16,

wherein the plurality of mover driving unit gears conduct rotational force between the rotating driving unit and the mover unit when the banknote storing unit is positioned within the banknote receiving unit.

22. (New) A banknote moving system, comprising:

a banknote storing unit for being removably positioned within a banknote receiving unit, the banknote storing unit having a storing section and receiving a banknote from the banknote receiving unit;

a mover unit for moving the received banknote into the storing section of the storing unit, the mover unit moving between a standby position and a moved position;

a mover driving unit for operating the mover unit in a reciprocating manner between the standby position and the moved position;

a rotating driving unit for selectively operating the mover driving unit by applying a rotating force in one of a clockwise direction and a counter clockwise direction;

a standby position detecting unit for producing a standby condition signal when the mover is in a standby condition;

Patent
42530-6900

a moved position detecting unit for producing a moved position condition signal when the mover unit is in a moved position condition;

a controlling unit for receiving the standby condition signal and the moved position condition signal and producing a driving direction command signal for selectively operating the rotating driving unit in one of a clockwise direction and a counter clockwise direction; and

a pivotable lever having a sector gear portion, the pivotable lever being pivotable at a shaft located at the surface of the banknote storing unit and operatively connected with the mover unit,

wherein the sector gear portion engages with the rotating driving unit for reciprocating the mover unit.

23. (New) A banknote moving system, comprising:

a banknote storing unit for being removably positioned within a banknote receiving unit, the banknote storing unit having a storing section and receiving a banknote from the banknote receiving unit;

a mover unit for moving the received banknote into the storing section of the storing unit, the mover unit moving between a standby position and a moved position;

a mover driving unit for operating the mover unit in a reciprocating manner between the standby position and the moved position;

a rotating driving unit for selectively operating the mover driving unit by applying a rotating force in one of a clockwise direction and a counter clockwise direction;

Patent
42530-6900

a standby position detecting unit for producing a standby condition signal when the mover is in a standby condition;

a moved position detecting unit for producing a moved position condition signal when the mover unit is in a moved position condition; and

a controlling unit for receiving the standby condition signal and the moved position condition signal and producing a driving direction command signal for selectively operating the rotating driving unit in one of a clockwise direction and a counter clockwise direction,

wherein the standby position detecting unit includes a light-emitting element, a photo acceptance element with parallel optical axis and an optical guide unit that reverses the direction of light from the light-emitting element to the photo acceptance element, and wherein the optical guide includes a gap detecting space and the mover unit includes a pusher member with a portion that enters the gap detecting space in a standby position.